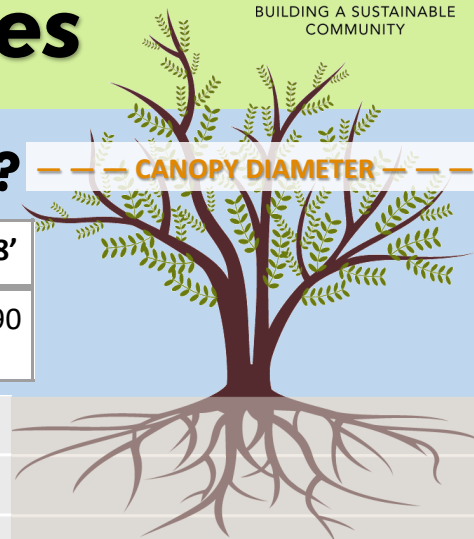


# How Much and How Often to Water Your Trees

## 1. How much water do your trees need?

Tree Canopy Diameter	1'	2'	3'	4'	6'	8'	10'	12'	14'	16'	18'
Gallons Needed to Wet Root Zone Each Watering	1.5	5	11	16	26	38	59	85	115	150	190

--- CANOPY DIAMETER ---



### Tips

It is best to water trees to a depth of 2.5-3 feet.

Water deeply each time you water, but allow soil to dry in between.

Sign up for our [monthly landscape watering reminder](#) to get email alerts right to your inbox.

1 foot

2 feet

3 feet

## 2. How much water does your irrigation apply?



**1 gph**  
Constant



**2 gph**  
1/2" stream



**4 gph**  
1" stream



**Bubbler**

**1-4  
gpm**  
If adjustable

### Tips

Drip emitter flow rate is measured in gallons per hour (gph) or liters per hour (lph). Bubblers flow in gallons per minute (gpm).

Some emitters are stamped with flow rate in gph or lph.

## 3. Do the math to determine run time.

$\text{Gallons Needed} \div \text{Amount Applied (gph or gpm)} = \text{Run Time (in hours or minutes)}$

Example using a 6' tree with 3 (three) 2-gph emitters: 26 gallons needed (see chart above)  $\div$  6 gph (flow rate of 3x2gph) = 4+ Hour Run Time



### Tips

If you have multiple emitters, add all flow rates together. You should place 3+ emitters on your trees.

If you have different sized trees, start with the average run time and adjust as needed (add or remove emitters).

Our online, [interactive watering guide](#) does the math for you.

## 4. Adjust your watering schedule for the season.

Typical Days Between Watering—Frequency Varies

		Spring	Summer	Fall	Winter
<b>TREE TYPE</b>	Desert Adapted	14	7	14	30
	High Water Use	7	5	7	14



### Tips

Newly planted trees need water every 3-4 days in summer and 6-7 days fall through spring.

Adding organic mulch on the surface of the roots will reduce watering frequency. Keep the mulch away from the tree stem.

Find our online guide, more details, and how to water different types of plants at our Water—Use It Wisely site, [LandscapeWateringGuide.com](#).